

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	150	703/2.ccls. and @pd>"20071001"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/02/08 12:57
L4	38	(fir or (finite adj impulse)) and (maximal\$3 near flat) and @ad<"20021101"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/02/08 13:06


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

fir maximally flat recurrence

1950

- 2002

Search

Ad
Sc
Sc

Scholar All articles - Recent articles Results 1 - 10 of about 77 for fir maximally flat recurrence. (0.

[All Results](#)
[I Selesnick](#)
[S Samadi](#)
[H Iwakura](#)
[A Nishihara](#)
[A Averbuch](#)

Universal maximally flat lowpass FIR systems - all 9 versions »

S Samadi, A Nishihara, H Iwakura - Signal Processing, IEEE Transactions on [see also Acoustics, ... , 2000 - ieeexplore.ieee.org

... flat filters proposed by Baher is a universal family of **maximally flat FIR filters**. ... of the computer-generated proof is a three-term **recurrence** relation for the ...

[Cited by 14 - Related Articles - Web Search](#)

Maximally flat low-pass digital differentiator - all 4 versions »

IW Selesnick - Circuits and Systems II: Analog and Digital Signal ... , 2002 - ieeexplore.ieee.org

... $HFB(e^{j\omega}) = j!; j! < \infty$ (1) The **maximally flat FIR** approximation to the ideal differentiator satisfies the derivative constraints ...

[Cited by 14 - Related Articles - Web Search](#)

Optimal design of maximally flat FIR filters with arbitrary magnitude specifications - all 2 versions »

LR Rajagopal, SCD Roy - Acoustics, Speech, and Signal Processing [see also IEEE ... , 1989 - ieeexplore.ieee.org

... ract—An optimal design procedure for **maximally flat FIR** filters, based on the Bernstein polynomial, is proposed. Using a set of **recurrence** relations, this ...

[Cited by 4 - Related Articles - Web Search](#)

Matrix approach for the coefficients of maximally flat FIR filter transfer functions expressed in ... - all 3 versions »

TOC View - Electronics Letters, 1987 - ieeexplore.ieee.org

... forms a complete set of **recurrence** relations for any order [Q]. It is worth ... 4

RAJAGOPAL,

LR, and DUTTA ROY, s. c : 'Design of **maximally flat FIR** filters using ...

[Cited by 2 - Related Articles - Web Search](#)

Filter-generating systems - all 3 versions »

S Samadi, A Nishihara, H Iwakura - Circuits and Systems II: Analog and Digital Signal ... , 2000 - ieeexplore.ieee.org

... We need to carry out the **recurrence** up to $n_x = i$ to realize the filter ... of Section III, the system can be used to implement any desired **FIR** **maximally flat** filter ...

[Cited by 4 - Related Articles - Web Search](#)

Generalized digital Butterworth filter design - all 23 versions »

IW Selesnick, CS Burrus - Signal Processing, IEEE Transactions on [see also Acoustics, ... , 1998 - ieeexplore.ieee.org

... class of infinite impulse response (IIR) digital filters that unifies the classical Butterworth filter and the well-known **maximally flat FIR** filter ...

[Cited by 18 - Related Articles - Web Search](#)

Simultaneous amplitude and phase approximation for FIR filters - all 3 versions »

F Leeb, T Henk - Circuits and Systems, 1988., IEEE International Symposium on, 1988 -


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) |

Welcome United States Patent and Trademark Office

 [Search Results](#)
[BROWSE](#)[SEARCH](#)[IEEE Xplore Guide](#)

Results for "((maximal flat<and>fir)) <and> (pyr >= 1913 <and> pyr <= 2002)"

Your search matched 4 of 1742653 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[Modify Search](#)

((maximal flat<and>fir)) <and> (pyr >= 1913 <and> pyr <= 2002)

 Check to search only within this results setDisplay Format: Citation Citation & Abstract» [Search Options](#)[View Session History](#)[New Search](#)[IEEE/IET](#)[Books](#)[Educational Courses](#)[A](#)*Interactive online content developed from IEEE conference tutorials.*[Select All](#) [Deselect All](#)» [Key](#)

IEEE JNL IEEE Journal or Magazine

 1. Frequency estimation by demodulation of two complex signals

Akke, M.;

[Power Delivery, IEEE Transactions on](#)

Volume 12, Issue 1, Jan. 1997 Page(s):157 - 163

Digital Object Identifier 10.1109/61.568235

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(592 KB\)](#) IEEE JNL[Rights and Permissions](#)

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 2. The uniqueness in designing multidimensional causal recursive digital filter magnitude hyperspherical symmetry

Liu, X.; Bruton, L.T.;

[Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on](#) and [Systems II: Express Briefs, IEEE Transactions on](#)

Volume 40, Issue 9, Sept. 1993 Page(s):533 - 545

Digital Object Identifier 10.1109/82.257331

[AbstractPlus](#) | Full Text: [PDF\(1148 KB\)](#) IEEE JNL[Rights and Permissions](#) 3. Design of efficient FIR filters for the amplitude response: $|1/\omega|$ by using

Kumar, B.; Kumar, A.;

[Signal Processing, IEEE Transactions on](#) [see also [Acoustics, Speech, and Signal Processing, IEEE Transactions on](#)]

Volume 47, Issue 2, Feb. 1999 Page(s):559 - 563

Digital Object Identifier 10.1109/78.740144

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(220 KB\)](#) IEEE JNL[Rights and Permissions](#) 4. A method of designing optimal wavelet filter banks

Peng Zhiwei; Wang Bo; Liao Guisheng;

[Signal Processing Proceedings, 1998. ICSP '98. 1998 Fourth International Conference on](#)

12-16 Oct. 1998 Page(s):253 - 256 vol.1

Digital Object Identifier 10.1109/ICOSP.1998.770200

[AbstractPlus](#) | Full Text: [PDF\(208 KB\)](#) IEEE CNF[Rights and Permissions](#)


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) |

Welcome United States Patent and Trademark Office

 [Search Results](#)
[BROWSE](#)[SEARCH](#)[IEEE Xplore Guide](#)

Results for "((((maximally flat<and>fir)) <and> (pyr >= 1913 <and> pyr <= 2002))<in>..."

Your search matched 80 of 1742653 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[Modify Search](#)

[Search](#)
 Check to search only within this results set
Display Format: Citation Citation & Abstract» [Search Options](#)[View Session History](#)[IEEE/IET](#)[Books](#)[Educational Courses](#)[A](#)[New Search](#)

IEEE/IET journals, transactions, letters, magazines, conference proceedings, and

» [Key](#)[view selected items](#)[Select All](#)[Deselect All](#)

View:

IEEE JNL IEEE Journal or Magazine

1. **Closed-form design of generalized maximally flat low-pass FIR filters** us Peng-Hua Wang; Soo-Chang Pei; [Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. Conference on](#)

Volume 1, 5-9 June 2000 Page(s):472 - 475 vol.1
 Digital Object Identifier 10.1109/ICASSP.2000.862017
[AbstractPlus](#) | Full Text: [PDF\(296 KB\)](#) IEEE CNF
[Rights and Permissions](#)

IET JNL IET Journal or Magazine

2. **A design method of low delay lowpass FIR filters with maximally flat characteristic in the passband and the transmission zeros in the stopband** Aikawa, N.; Sato, M.; [Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on](#)

Volume 1, 26-29 May 2002 Page(s):I-405 - I-408 vol.1
 Digital Object Identifier 10.1109/ISCAS.2002.1009863
[AbstractPlus](#) | Full Text: [PDF\(401 KB\)](#) IEEE CNF
[Rights and Permissions](#)

IEEE CNF IEEE Conference Proceeding

3. **Low delay lowpass FIR filters with maximally flat characteristics in the passband and the transmission zeros in the stopband** Aikawa, N.; Sato, M.; [Acoustics, Speech, and Signal Processing, 2002. Proceedings. \(ICASSP '02\). Conference on](#)

Volume 2, 2002 Page(s):1533 - 1536
 Digital Object Identifier 10.1109/ICASSP.2002.1006047
[AbstractPlus](#) | Full Text: [PDF\(364 KB\)](#) IEEE CNF
[Rights and Permissions](#)

IET CNF IET Conference Proceeding

4. **Efficient and multiplierless design of FIR filters with very sharp cutoff via lattice structures** Vaidyanathan, P.; [Circuits and Systems, IEEE Transactions on](#)

Volume 32, Issue 3, Mar 1985 Page(s):236 - 244
[AbstractPlus](#) | Full Text: [PDF\(888 KB\)](#) IEEE JNL

IEEE STD IEEE Standard